

REMARKS

Claims 14-16 are pending and under consideration in the above-identified application.

Claims 1-13 were withdrawn in a previous amendment and remain withdrawn.

In the October 3, 2007 Office Action, claims 14-16 were rejected. With this Amendment, claims 14-16 are amended. Accordingly, claims 14-16 remain at issue.

I. Objection To Drawings

The drawings were objected to for various informalities.

A pump inherently has an inlet and an output. However, with this amendment FIG. 5 is added, providing the pressure controller and the pump inlet and outlet in schematic form, for clarification purposes.

No new matter was introduced in making these amendments as all of these elements are fully described in the specification, and/or listed in the claims as filed. New reference numerals have been added so that the specification can refer to the figure elements appropriately.

Accordingly, Applicant respectfully requests withdrawal of these objections.

II. Objection To Claims

The claims were objected to for various informalities.

The Applicant views a pressure controller as covering a digital pressure controller since a pressure controller includes a microprocessor which is inherently a digital device. See, FIGS 1 and 2C, and related discussion in the specification. However, the claims are amended to overcome the Examiner's objections and provide clarification.

No new matter was introduced in making these amendments. Accordingly, Applicant respectfully requests withdrawal of these objections

III. 35 U.S.C. § 112 Indefiniteness Rejection of Claims

Claims 15 and 16 were rejected under 35 U.S.C. § 112, second paragraph, as being indefinite.

With this amendment, the claims are amended to overcome the Examiner's rejections.

No new matter was introduced in making these amendments. Accordingly, Applicant respectfully requests withdrawal of these objections.

IV. 35 U.S.C. § 102 Anticipation Rejection of Claims

Claim 14 was rejected under 35 U.S.C. § 102(b) as being anticipated by *Rao et al.* (U.S. Pat. No. 4,575,313). Applicant respectfully traverses this rejection.

In relevant part, claim 14 now recites:

“a microprocessor having a control logic program configured to receive at least two electrical signals correlated to at least two pressure values, said electrical signals being generated by a pressure transducer configured to transduce the pressure values of the fluid entering or exiting said pump.”

This is clearly unlike *Rao*, which fails to disclose a microprocessor having a control logic program configured to receive at least two electrical signals correlated to at least two pressure values with the electrical signals being generated by a pressure transducer configured to transduce the pressure values of the fluid entering or exiting said pump. Instead, *Rao* discloses a pump speed controller which responds to a single pressure reading from a chamber. See, U.S. Pat. No. 4,575,313, Col 2, l. 60-65.

As the Applicant's specification discloses, by providing a microprocessor having a control logic program configured to receive at least two electrical signals correlated to at least

two pressure values, said electrical signals being generated by a pressure transducer configured to transduce the pressure values of the fluid entering or exiting said pump, the pump is controlled with greater precision and less complexity. See, U.S. Pat. Pub. 2004/0219025, Para. [0018]. Since *Rao* does not provide a control sequence which maintains the entering and exiting pressure of the pump, it does not provide the same benefit.

Therefore, because *Rao* fails to disclose or even fairly suggest all the features of claim 14, the rejection is improper.

V. **Conclusion**

In view of the above amendments and remarks, Applicant submits that all claims are clearly allowable over the cited prior art, and respectfully requests early and favorable notification to that effect.

Respectfully submitted,

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